

**San Mateo Expanded Site Investigation
Near Grants, Cibola and McKinley Counties, New Mexico
Daily Report**

REDACTED VERSION

Date: 11/15/2014

Time: 2000

Team:

Derrick Cobb

Jeff Criner

Shannon Boesch

Health and Safety:

1. On November 15, 2014, the Weston team and Yellow Jacket Drilling (YJD) Services conducted a tailgate safety meeting. Safety topics discussed included radiation awareness, slips, trips, falls, dehydration, and inclement weather (snow and below freezing temperatures are anticipated Sunday). Work will continue on Rio Algom property and compliance with site-specific requirements will be followed including checking in and out with security.
2. No near misses or incidents occurred.

Weston Team Operations Completed:

1. Weston and YJD services drilling N-4 location (Rio) to a depth of approximately 95 feet below ground surface (bgs). The alluvium/Mancos shale contact occurred at approximately 92 ft bgs. The augers were left in the borehole overnight. Damp alluvial soil was observed at the contact point. A soil sample (and a split sample for Rio's consultant) was collected at a depth of approximately 91 ft bgs for SPLP analysis.
2. Weston attempted to develop monitor wells C-3 and BG-07. C-3 was pumped dry multiple times but did recover sufficiently to record water quality parameters. The collection of water samples will take some time and should not present a problem for container volumes. BG-07 was also pumped dry twice and only two water quality measurements were collected. Recovery in BG-07 is very slow and estimated at a rate of 0.5 inches every 45 minutes. Collection of sufficient water from BG-07 for laboratory analyses could present problems. Weston and EPA should discuss the sampling strategy for BG-07.

Planned activities for November 16-18, 2014:

1. Weston and YJD will check if water is present at N-4 pending weather Sunday morning. If water is encountered a well will be installed. If water is not present the borehole will be grouted (11/16 or 11/17) pending weather.

**San Mateo Expanded Site Investigation
Near Grants, Cibola and McKinley Counties, New Mexico
Daily Report**

2. Weston and YJD plan to drill and sample C-5 (State/(b) (6) property) beginning Tuesday (11/18/14).
3. On Wednesday or Thursday, 11/18-19/14), Weston plans to drill and sample N-5 (b) (6) (b) (6)).
4. On Monday, Weston plans to sample Homestake wells 928 and 943. Split samples will be collected by Homestake personnel. Well 904 is reportedly owned by the Village of Milan and Weston will work to secure access for sampling.

Open Items:

1. (b) (6) inquired about the Weston team sampling his deep well. Weston will schedule the well sampling (ID: PV-03).
2. YJD to complete pads at locations BG-03, BG-04, BG-05, BG-07 and C-3.
3. A decision regarding which soil samples need to be submitted for SPLP analysis needs to be made due to anion hold times. Current samples collected and on hold include: BG-03, BG-05, C-3, N-1, N-2 and N-3. Please note that SPLP extraction for anions needs to be conducted within 14 days of sample collection. All other SPLP extraction hold times are correct as listed in revised Table 4-1.
4. BG-07 has been submitted for SPLP analysis due to hold time constraints.
5. Weston will work to coordinate the sampling of (b) (6) well early next week. There is reportedly a key pad code to access the well on the property.

**San Mateo Expanded Site Investigation
Near Grants, Cibola and McKinley Counties, New Mexico
Daily Report**



Alluvial and Mancos shale contact point approximately 92 ft bgs.

**San Mateo Expanded Site Investigation
Near Grants, Cibola and McKinley Counties, New Mexico
Daily Report**



Alluvial and Mancos shale contact point approximately 92 ft bgs.